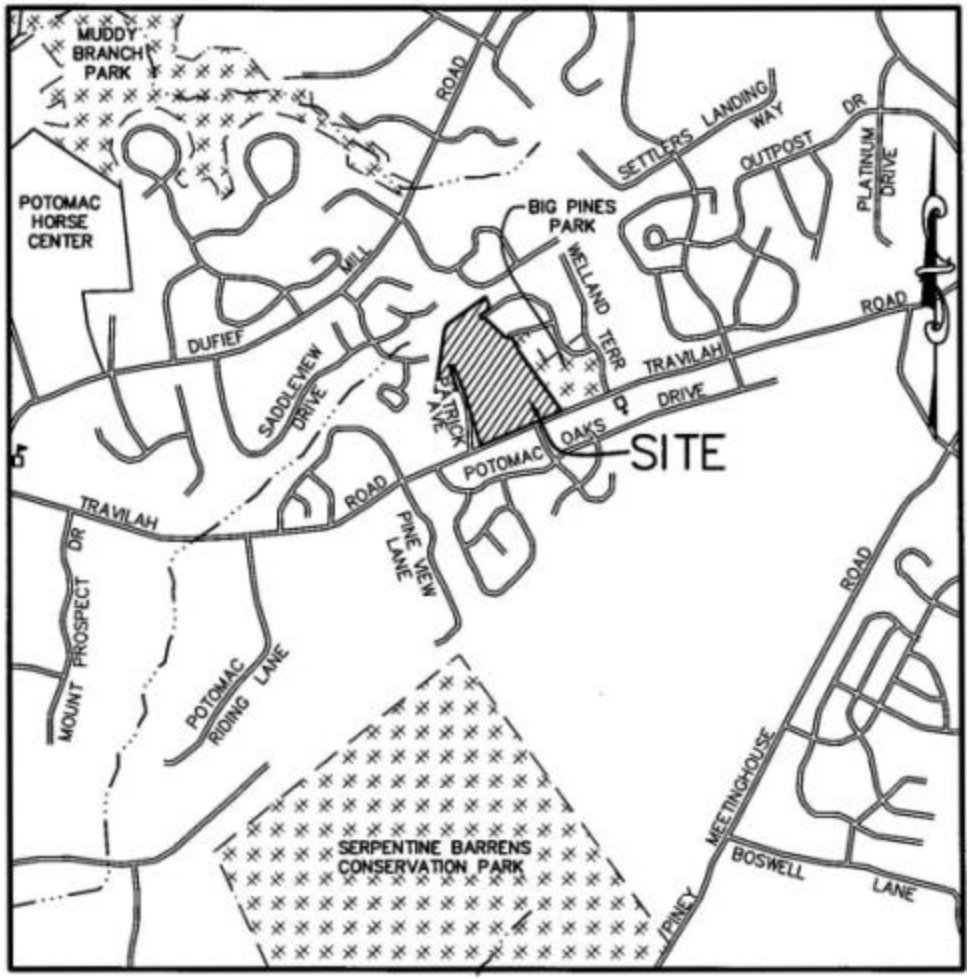
PROPOSED

NORTH POTOMAC COMMUNITY RECREATION CENTER

OCTOBER 14, 2010

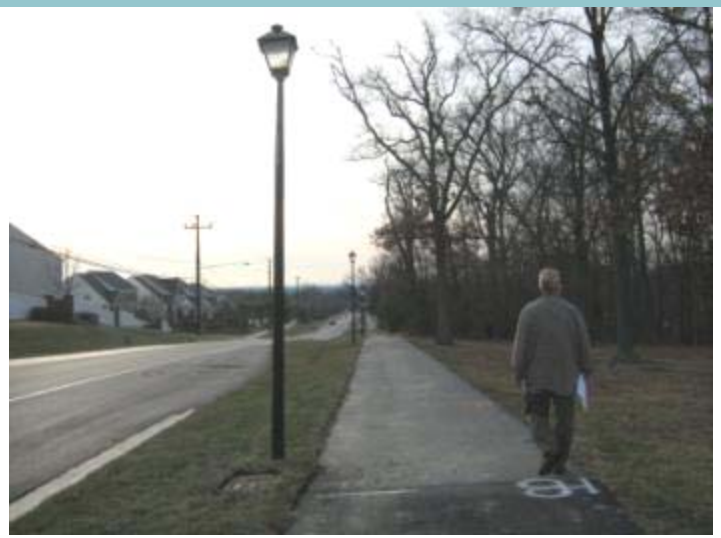
COMMUNITY MEETING

Montgomery County RECREATION DEPARTMENT



AERIAL VIEW

OCTOBER 2010



VIEW OF SIDEWALK LOOKING WEST ALONG TRAVILAH

VIEW LOOKING NORTH TOWARD STREAM VALLEY BUFFER

VIEW OF SITE LOOKING NORTH FROM SIDEWALK

VIEW FROM SITE TOWARDS BIG PINES PARK AND PATH

VIEW OF SIDEWALK LOOKING EAST ALONG TRAVILAH

VIEW OF PATRICK AVE TOWARD TRAVILAH

VIEW OF HOME AT NORTH END OF SITE

VIEW OF PATRICK AVE TOWARD NORTH

STREAM VALLEY BUFFER (SVB) L.O.D

PREVIOUS SVB L.O.D.

STREAM

PROPERTY LINE

TOTAL PROPERTY AREA:
17.16 ACRES

TOTAL BUILDABLE AREA:
9.01 ACRES


WETLAND 4T BUFF
WETLAND COURT
MULTI-PURPOSE FIELD
COURT
STREAM BUFFER
COURT
PLAY
PARKING
SERVICE
N. POTOMAC REC. CENTER
STREAM BUFFER
PARKING
PATRICK LANE
TRAVILAH ROAD
WILLS PARK RD.
N
0' 50' 100' 150' 200'


LEGEND
STREAM/WETLAND BUFFER
PROPERTY LINE
PARKING TOTALS
NEW MULTIPURPOSE FIELD
MULTIPURPOSE COURT
MULTIPURPOSE COURT
PLAY

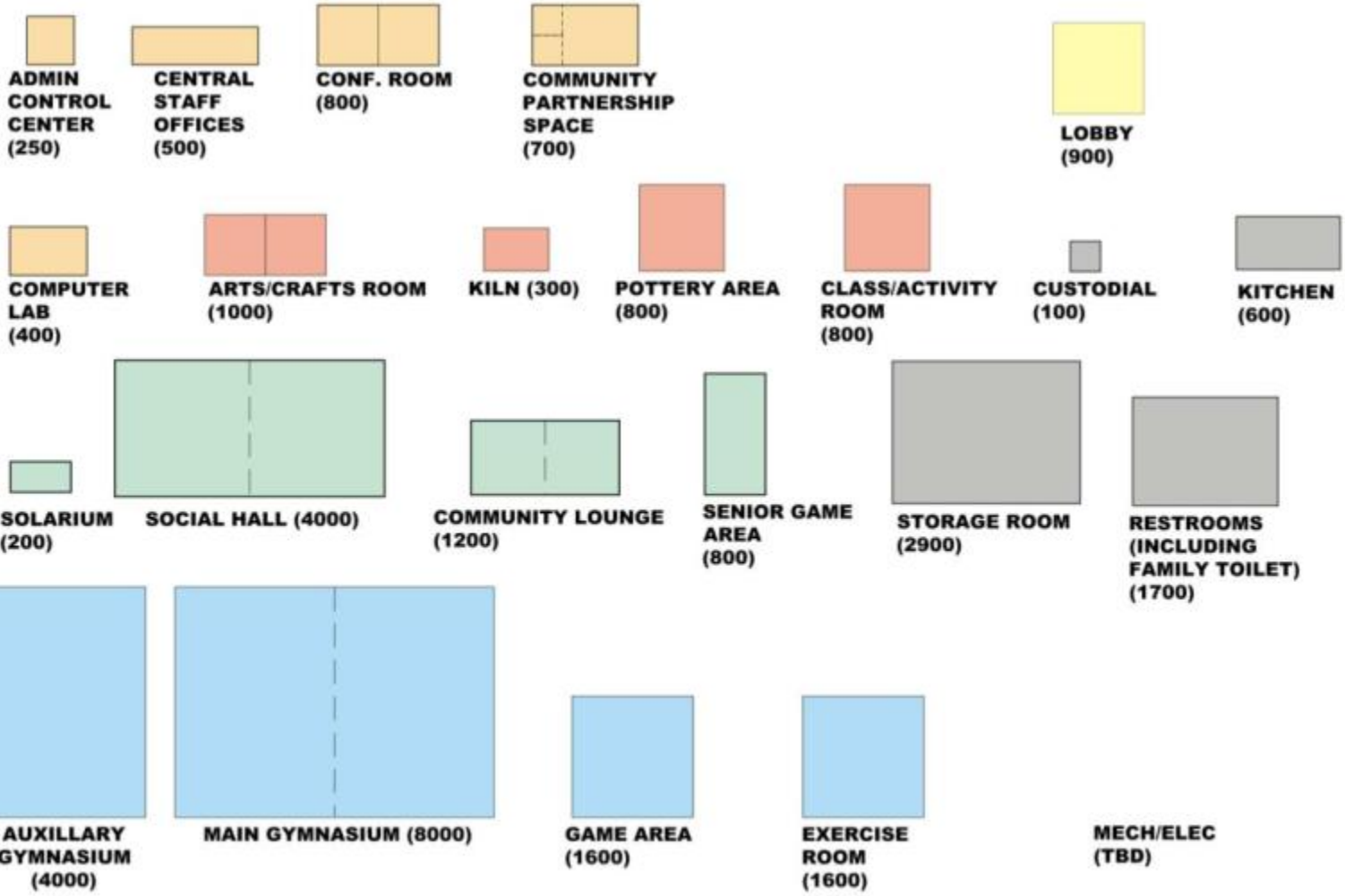
MAIN ENTRY ELEVATION

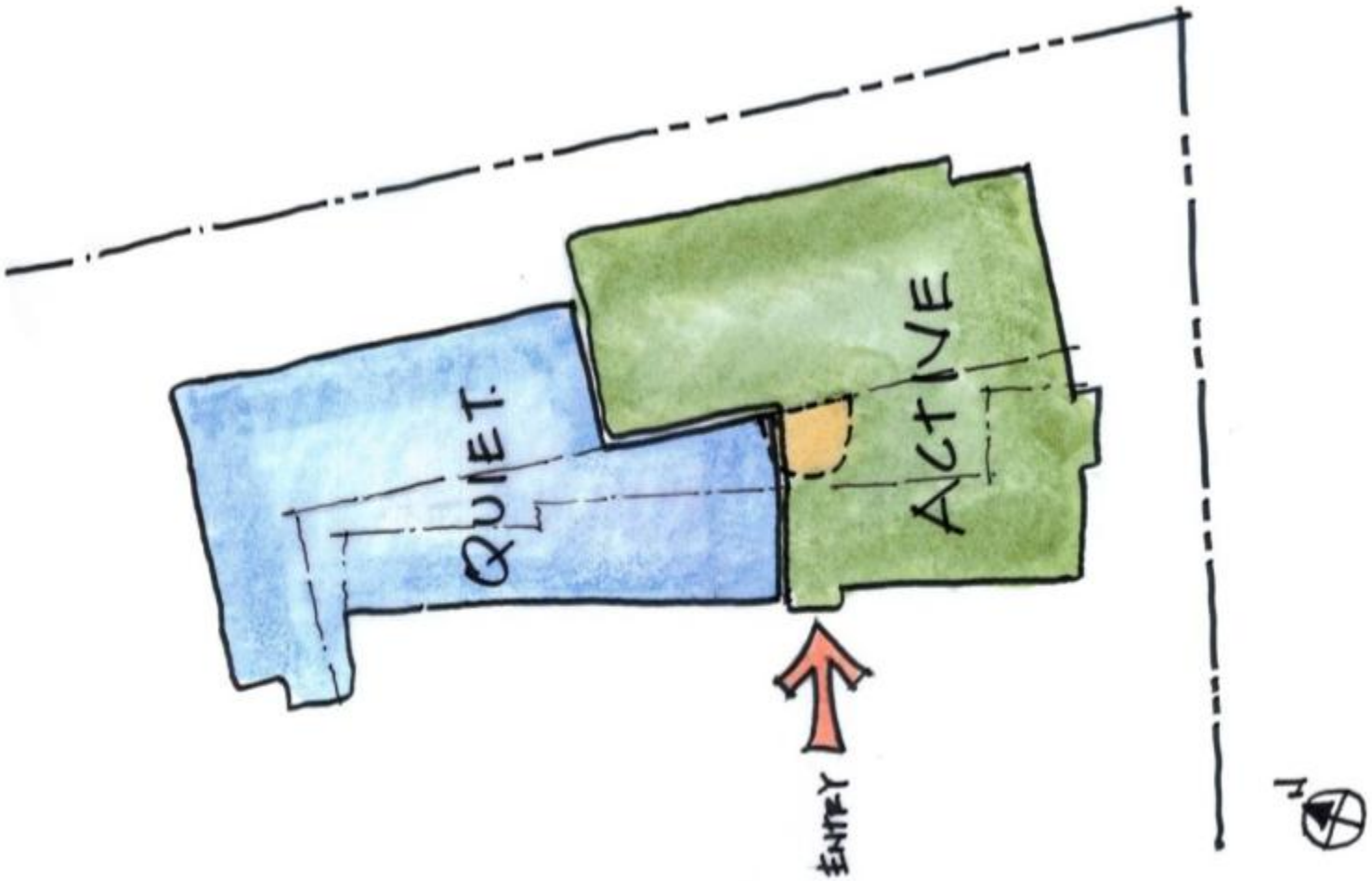
PARK ELEVATION

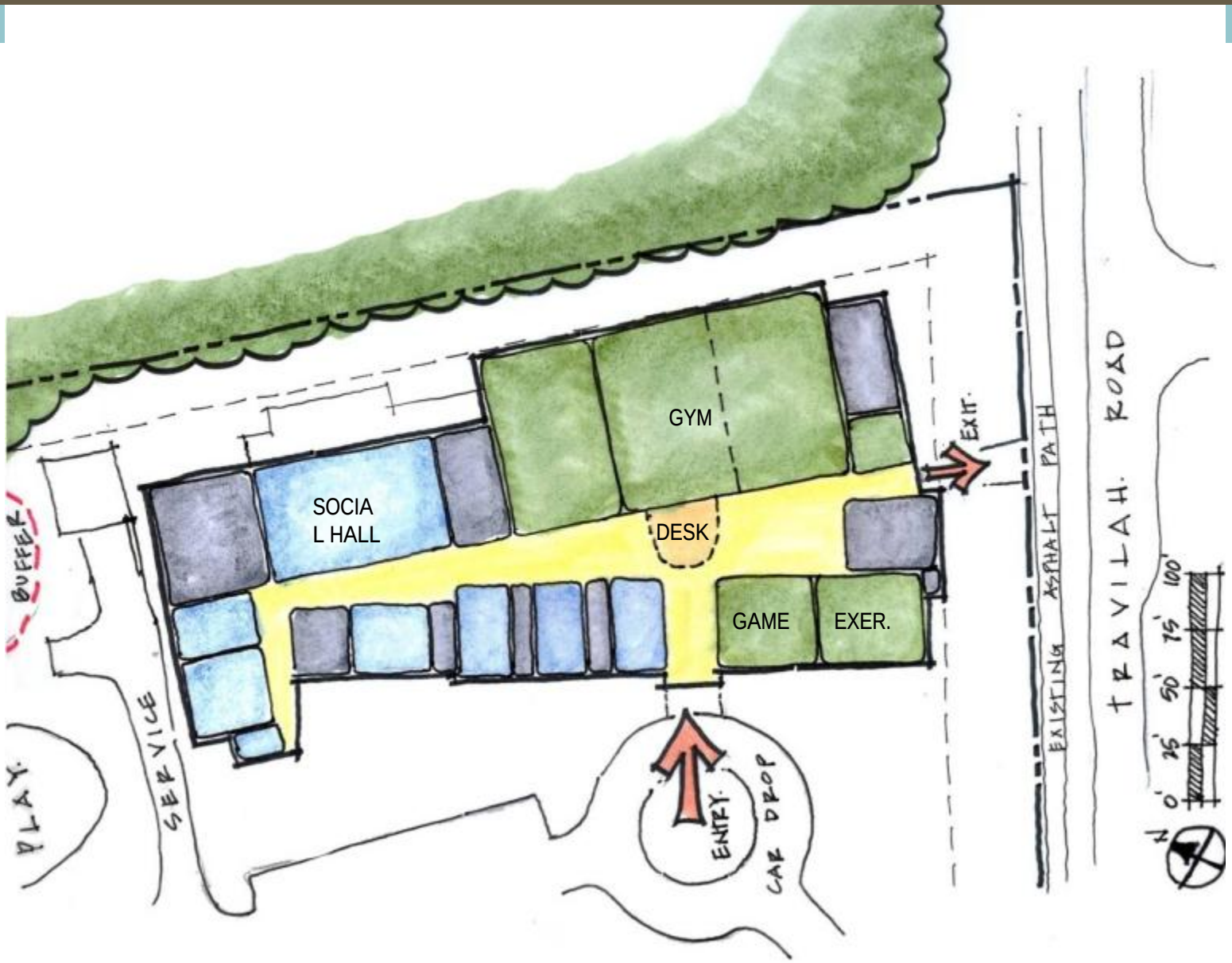
TRAVILAH ROAD ELEVATION

(SIZE IN SF IN PARENTHESIS)

OCTOBER 2010




QUIET
ACTIVE
ENTRY


GYM
SOCIA
L HALL
DESK
GAME
EXER.
EXIT.
EXISTING ASPHALT PATH
TRAVILAH ROAD
BUFFER
SERVICE
PLAY
ENTRY.
CAR DROP
0' 25' 50' 75' 100'
N

LEED Facts

North Potomac Community Recreation Center

LEED-NC v2.2

Certified 26-32 points
Silver 33-36 points
Gold 39-51 points
Platinum 52 or more points

- Light pollution reduction on site
- Energy Star roof system
- Portions of roof surface will be Vegetative roof (planted)

- Low-flow, sensored plumbing fixtures to conserve water
- Native, drought-resistant plants that require no irrigation

- Compact footprint, one-story building
- Priority parking for carpool and hybrid vehicles

- Energy-efficient mechanical system
- Tight building envelope, high performance glass

- Recycle construction waste
- Specify local materials, high recycled content

- Specify low-emitting materials
- Large windows for natural daylight and views to exterior site and stream buffer

- Building as an Environmental Education Tool
- Consideration for green landscape and pest management

LEED® for New Construction

Credit Scorecard

LEED-NC Green Building Rating System, version 2.2, final version

North Potomac Recreation Center
Grimm + Parker Architects

July 22, 2010

Sustainable Design Consulting

42	8	19	**Total Project Score**	Possible Points 69

Certified 26 to 32 points Silver 33 to 38 points Gold 39 to 51 points Platinum 52 or more points

Y	?	N			
Sustainable Sites				Possible Points 14	
Y			Prereq 1	Construction Activity Pollution Prevention	
1			Credit 1	Site Selection	1
		1	Credit 2	Development Density & Community Connectivity	1
		1	Credit 3	Brownfield Redevelopment	1
		1	Credit 4.1	Alternative Transportation: Public Transportation Access	1
1			Credit 4.2	Alternative Transportation: Bicycle Storage & Changing Rooms	1
1			Credit 4.3	Alternative Transportation: Low Emitting & Fuel Efficient Vehicles	1
	1		Credit 4.4	Alternative Transportation: Parking Capacity	1
1			Credit 5.1	Site Development: Protect or Restore Habitat	1
1			Credit 5.2	Site Development: Maximize Open Space	1
1			Credit 6.1	Stormwater Design: Quantity Control	1
1			Credit 6.2	Stormwater Design: Quality Control	1
1			Credit 7.1	Heat Island Effect: Non-Roof	1
1			Credit 7.2	Heat Island Effect: Roof	1
		1	Credit 8	Light Pollution Reduction	1
Water Efficiency				Possible Points 5	
1			Credit 1.1	Water Efficient Landscaping: Reduce by 50%	1
1			Credit 1.2	Water Efficient Landscaping: No Potable Use or No Irrigation	1
		1	Credit 2	Innovative Wastewater Technologies	1
1			Credit 3.1	Water Use Reduction: 20% Reduction	1
1			Credit 3.2	Water Use Reduction: 30% Reduction	1
Energy & Atmosphere				Possible Points 17	
Y			Prereq 1	Fundamental Commissioning of the Building Energy Systems	
Y			Prereq 2	Minimum Energy Performance	
Y			Prereq 3	CFC Reduction in HVAC&R Equipment	
2			Credit 1.1	Optimize Energy Performance: 14% New / 7% Existing	2
1	1		Credit 1.2	Optimize Energy Performance: 21% New / 14% Existing	2
	2		Credit 1.3	Optimize Energy Performance: 28% New / 21% Existing	2
		2	Credit 1.4	Optimize Energy Performance: 35% New / 28% Existing	2
		2	Credit 1.5	Optimize Energy Performance: 42% New / 35% Existing	2
		1	Credit 2.1	On-Site Renewable Energy: 2.5%	1
		1	Credit 2.2	On-Site Renewable Energy: 7.5%	1
		1	Credit 2.3	On-Site Renewable Energy: 12.5%	1
1			Credit 3	Enhanced Commissioning	1
1			Credit 4	Enhanced Refrigerant Management	1
	1		Credit 5	Measurement & Verification	1
1			Credit 6	Green Power	1

Y	?	N			
Materials & Resources				Possible Points 13	
Y			Prereq 1	Storage & Collection of Recyclables	
		1	Credit 1.1	Building Reuse: Maintain 75% of Existing Walls, Floors & Roof	1
		1	Credit 1.2	Building Reuse: Maintain 95% of Existing Walls, Floors & Roof	1
		1	Credit 1.3	Building Reuse: Maintain 50% of Interior Non-Structural Elements	1
1			Credit 2.1	Construction Waste Management: Divert 50% from Disposal	1
1			Credit 2.2	Construction Waste Management: Divert 75% from Disposal	1
		1	Credit 3.1	Materials Reuse: 5%	1
		1	Credit 3.2	Materials Reuse: 10%	1
1			Credit 4.1	Recycled Content: 10% (post-consumer + 1/2 pre-consumer)	1
1			Credit 4.2	Recycled Content: 20% (post-consumer + 1/2 pre-consumer)	1
1			Credit 5.1	Regional Materials: 10% Extracted, Processed & Manufactured Regiona	1
1			Credit 5.2	Regional Materials: 20% Extracted, Processed & Manufactured Regiona	1
		1	Credit 6	Rapidly Renewable Materials	1
	1		Credit 7	Certified Wood	1
Indoor Environmental Quality				Possible Points 15	
Y			Prereq 1	Minimum IAQ Performance	
Y			Prereq 2	Environmental Tobacco Smoke (ETS) Control	
1			Credit 1	Outdoor Air Delivery Monitoring	1
		1	Credit 2	Increased Ventilation	1
1			Credit 3.1	Construction IAQ Management Plan: During Construction	1
1			Credit 3.2	Construction IAQ Management Plan: Before Occupancy	1
1			Credit 4.1	Low-Emitting Materials: Adhesives & Sealants	1
1			Credit 4.2	Low-Emitting Materials: Paints	1
1			Credit 4.3	Low-Emitting Materials: Carpet	1
1			Credit 4.4	Low-Emitting Materials: Composite Wood & Agrifiber Products	1
1			Credit 5	Indoor Chemical & Pollutant Source Control	1
1			Credit 6.1	Controllability of Systems: Lighting	1
1			Credit 6.2	Controllability of Systems: Thermal Comfort	1
1			Credit 7.1	Thermal Comfort: Design	1
1			Credit 7.2	Thermal Comfort: Verification	1
	1		Credit 8.1	Daylight & Views: Daylight 75% of Spaces	1
	1		Credit 8.2	Daylight & Views: Views for 90% of Spaces	1
Innovation & Design Process				Possible Points 5	
1			Credit 1.1	Innovation in Design: Green Educational Program	1
1			Credit 1.2	Innovation in Design: Green Housekeeping Program	1
1			Credit 1.3	Innovation in Design: 30% Recycled Content/ SSc 5.2 Max Oj	1
1			Credit 1.4	Innovation in Design: 40% Water Use Reduction	1
1			Credit 2	LEED Accredited Professional	1

Sustainable Design Consulting, LLC

- CURRENT: DESIGN AND PERMITTING
- JULY 2011: PROJECTED START OF CONSTRUCTION
- DECEMBER 2012: PROJECTED END OF CONSTRUCTION